Newland AIDC
Scanning Made Simple

NLS-MT37

PORTABLE DATA COLLECTOR

FEATURES

○ **Excellent Performance**

The NLS-MT37 is equipped with quad-core, android 8.1 system and high-performance dual band Wi-Fi. It can support AC standard and BT5.0. NLS-MT37's rugged housing can withstand 1.2m drops to concrete.

○ **Superior Barcode Reading Performance**

Equipped with Newland's self-developed high performance barcode reading engine, the NLS-MT37 can decode even poorer quality barcodes, such as soiled or wrinkled labels, with ease. Also, the decoding efficiency is much higher.

○ **User-focused Ergonomics**

The user-focused ergonomic design renders a lightweight and well-balanced device that reduces stress and fatigue during extended work sessions.

○ **Easy-disinfect Shell**

Fit for environment where is frequently cleaned with disinfectant, please refer to the antibacterial species listed on the back.

| 2D Barcode | 1D Barcode | Android | GPS | WiFi Dual Band | Bluetooth | Drop | Touch |

NLS-MT37

Performance

Processor		1.8GHz, quad-core processor
Operating System		Android 8.1 Go
Memory		1GB RAM, 8GB ROM
Interface		USB Type-C at the bottom
Symbologies	2D	Aztec, Composite, CS Code, Maxicode, Micro PDF, Micro QR, PDF 417, QR Code, Data Matrix, DotCode.
	1D	Code128, Code 49, Code 16K, (GS1128) UCC/EAN-128, AIM-128, EAN-8, EAN-13, UPC-E, UPC-A, ITF, ITF 6, ITF 14, Matrix 2 of 5, Industrial 25, Standard 2 of 5, Code39, ISSN, ISBN, Codabar, Code93, Code 11, Plessey, MSI Plessey, RSS.
Depth of Field	Code128	90mm-330mm（12.5mil）
（Depend on Barcode and Environment）	EAN13	50mm-300mm（13mil）
	PDF17	50mm-135mm（6.7mil）
	QR	20mm-210mm（15mil）

Physical/Electrical

Dimensions （L×W×H）	158（L）× 59（W）× 18.3（H）mm
Weight	155g (including battery)
Display	2.8" （320×240) capacitive touch screen
Keypad	24 keys
Notification	Vibrator, speaker and multi-color LEDs
Battery	3.8V, 3300mAh （non-removable)
GPS	GPS （AGPS), GLONASS, Beidou
Multimedia	Speaker * 1, Microphone * 1
AC Adapter （Optional）	Fast Charging Supported
Card Slot（For 4G Version）	SIM * 1

Environmental

Operating Temperature	-20℃ to 50℃ （-4ºF to 122ºF）
Storage Temperature	-30℃ to 60℃ （-22ºF to 140ºF）
Humidity	5% to 95% (non-condensing)
Static Discharge	±12 kV （Air discharge), ±8 kV （Direct discharge)
Drop	1.2m drops to concrete (for six sides, one drop per side)

Wireless

WLAN RADIO		Built-in 802.11 a/b/g/n/ac, support 2.4G and 5G dual frequency
WWAN RADIO（For 4G Version）	2G	GSM: 850/900/1800/1900MHz
	3G	WCDMA （B1, B2, B5, B8); TD-SCDMA （B34, B39）
	4G	TDD-LTE （B34, B38, B39, B40, B41）
		FDD-LTE （B1, B2, B3, B5, B7, B8, B20, B28）
WPAN RADIO		Bluetooth 5.0 BLE
NFC（For 4G Version）	13.56MHz	ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693

Accessory （Optional）

AC adapter, cable, protective sleeve, wrist lanyard

Antibacterial Species

Escherichia coli, staphylococcus aureus

Specifications are subject to change without notice.　　　　　2022/01/22　　　Version: V1.0

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